

## CLAIMS

1. A tire pressure detection system comprising:
  - a pneumatic tire;
  - a valve system coupled to said pneumatic tire;
  - a switch contained within said valve system, said switch including
  - 5 a transmitter;
  - a receiver in wireless communication with said transmitter; and
  - wherein when said switch is actuated said switch will transmit tire pressure information to said transmitter.
2. The tire pressure detection system of Claim 1 wherein said tire switch includes a plunger that may be depressed.
3. The tire pressure system of Claim 1 wherein said tire switch includes a rolling sensor.
4. The tire pressure system of Claim 1 wherein said transmitter periodically transmits tire pressure information to said receiver.
5. The tire pressure system of Claim 1 wherein said receiver is located in a vehicle body computer.
6. A tire pressure sensor comprising:
  - a switch contained within a valve system of a pneumatic tire, said switch including a transmitter; and
  - wherein when said switch is actuated said switch will transmit tire
  - 5 pressure information to a receiver.
7. The tire pressure sensor of Claim 6 wherein said switch includes a plunger that may be depressed.

8. The tire pressure sensor of Claim 6 wherein said tire switch includes a rolling sensor.

9. The tire pressure sensor of Claim 6 wherein said transmitter periodically transmits tire pressure information to said receiver.

10. A method of determining tire pressure for a vehicle comprising:  
providing tire pressure sensors in the tires of the vehicle;  
depressing tire switches in the tires of a vehicle in a specific  
sequence;

5                   transmitting a unique identification code from said tire switches to  
a receiver in the vehicle upon depression of the tire switches; and  
learning the position of each said tire.